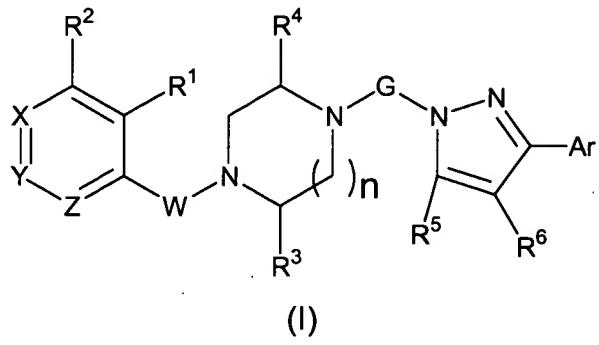


## Amendments to the claims:

1. (previously presented) A compound of formula (I) below:



wherein:

- $R^1$  is hydrogen, azido, halogen,  $C_{1-5}$  alkoxy, hydroxy,  $C_{1-5}$  alkyl,  $C_{2-5}$  alkenyl, cyano, nitro,  $R^7R^8N$ ,  $C_{2-8}$  acyl,  $R^9OC=O$ ,  $R^{10}R^{11}NC=O$ , or  $R^{10}R^{11}NSO_2$ ; or  $R^1$  is taken together with  $W$  as described below;
- $R^2$  is hydrogen, halogen,  $C_{1-5}$  alkoxy,  $C_{1-5}$  alkyl,  $C_{2-5}$  alkenyl,  $C_{1-5}$  haloalkyl, cyano, or  $R^{48}R^{49}N$ ; alternatively,  $R^1$  and  $R^2$  can be taken together to form an optionally substituted 5- to 7- membered carbocyclic or heterocyclic ring, which ring may be unsaturated or aromatic;
- each of  $R^3$  and  $R^4$  is independently hydrogen or  $C_{1-5}$  alkyl;
- $R^5$  and  $R^6$  are taken together to form pyridinyl or a 5-membered carbocyclic ring or 7- membered carbocyclic ring, which ring may be unsaturated or aromatic, and each of said pyridinyl, 5-membered ring and 7-membered ring may be optionally substituted with between one and three substituents independently selected from halo, cyano, amino, nitro,  $R^{40}$ ,  $R^{40}O$ -,  $R^{40}S$ -,  $R^{40}O(C_{1-5}\text{ alkylene})$ -,  $R^{40}O(C=O)$ -,  $R^{40}(C=O)$ -,  $R^{40}(C=S)$ -,  $R^{40}(C=O)O$ -,  $R^{40}O(C=O)(C=O)$ -,  $R^{40}SO_2$ ,  $NHR^{62}(C=NH)$ -,  $NHR^{62}SO_2$ -, and  $NHR^{62}(C=O)$  -;
- $R^{40}$  is H,  $C_{1-5}$  alkyl,  $C_{2-5}$  alkenyl, phenyl, benzyl, phenethyl,  $C_{1-5}$  heterocyclyl, ( $C_{1-5}$  heterocyclyl) $C_{1-5}$  alkylene, amino, or mono- or di( $C_{1-5}$  alkyl)amino,

or  $R^{58}OR^{59}$ -, wherein  $R^{58}$  is H, C<sub>1-5</sub> alkyl, C<sub>2-5</sub> alkenyl, phenyl, benzyl, phenethyl, C<sub>1-5</sub> heterocyclyl, or (C<sub>1-5</sub> heterocyclyl)C<sub>1-6</sub> alkylene and  $R^{59}$  is C<sub>1-5</sub> alkylene, phenylene, or divalent C<sub>1-5</sub> heterocyclyl; and

$R^{62}$  can be H in addition to the values for  $R^{40}$ ;

$R^7$  is hydrogen, C<sub>1-5</sub> alkyl, C<sub>3-5</sub> alkenyl, phenyl, naphthyl, C<sub>1-5</sub> heterocyclyl, C<sub>2-8</sub> acyl, aroyl,  $R^{27}OC=O$ ,  $R^{28}R^{29}NC=O$ ,  $R^{27}SO$ ,  $R^{27}SO_2$ , or  $R^{28}R^{29}NSO_2$ ;

$R^8$  is hydrogen, C<sub>1-5</sub> alkyl, C<sub>3-5</sub> alkenyl, phenyl, or C<sub>1-5</sub> heterocyclyl; alternatively,  $R^7$  and  $R^8$  can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;

$R^9$  is C<sub>1-5</sub> alkyl, phenyl, naphthyl, or C<sub>1-5</sub> heterocyclyl;

$R^{21}$  is hydrogen, C<sub>1-5</sub> alkyl, C<sub>3-5</sub> alkenyl, phenyl, naphthyl, C<sub>1-5</sub> heterocyclyl, C<sub>2-8</sub> acyl, aroyl,  $R^{30}OC=O$ ,  $R^{31}R^{32}NC=O$ ,  $R^{30}SO$ ,  $R^{30}SO_2$ , or  $R^{31}R^{32}NSO_2$ ;

$R^{22}$  is hydrogen, C<sub>1-5</sub> alkyl, C<sub>3-5</sub> alkenyl, phenyl, or C<sub>1-5</sub> heterocyclyl; alternatively,  $R^{21}$  and  $R^{22}$  can be taken together to form an optionally substituted 4- to 7-membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;

each of  $R^{23}$ ,  $R^{26}$ ,  $R^{27}$ ,  $R^{30}$ ,  $R^{33}$ ,  $R^{44}$ ,  $R^{45}$ , and  $R^{50}$  is C<sub>1-5</sub> alkyl, phenyl, naphthyl, or C<sub>1-5</sub> heterocyclyl;

$R^{24}$  is hydrogen, C<sub>1-5</sub> alkyl, C<sub>3-5</sub> alkenyl, phenyl, naphthyl, C<sub>1-5</sub> heterocyclyl, C<sub>2-8</sub> acyl, aroyl,  $R^{33}OC=O$ ,  $R^{34}R^{35}NC=O$ ,  $R^{33}SO$ ,  $R^{33}SO_2$ , or  $R^{34}R^{35}NSO_2$ ;

$R^{25}$  is hydrogen, C<sub>1-5</sub> alkyl, C<sub>3-5</sub> alkenyl, phenyl, or C<sub>1-5</sub> heterocyclyl; alternatively,  $R^{24}$  and  $R^{25}$  can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;

each of  $R^{10}$  and  $R^{11}$  is independently hydrogen, C<sub>1-5</sub> alkyl, C<sub>2-5</sub> alkenyl, phenyl, or C<sub>1-5</sub> heterocyclyl; alternatively,  $R^{10}$  and  $R^{11}$  or can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;

each of  $R^{28}$ ,  $R^{29}$ ,  $R^{31}$ ,  $R^{32}$ ,  $R^{34}$ ,  $R^{35}$ ,  $R^{46}$ ,  $R^{47}$ ,  $R^{51}$  and  $R^{52}$  is independently

hydrogen, C<sub>1-5</sub> alkyl, phenyl, or C<sub>1-5</sub> heterocyclyl; alternatively, R<sup>28</sup> and R<sup>29</sup>, R<sup>31</sup> and R<sup>32</sup>, R<sup>34</sup> and R<sup>35</sup>, R<sup>46</sup> and R<sup>47</sup>, or R<sup>51</sup> and R<sup>52</sup>, independently, can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;

n is 1;

G represents C<sub>3-6</sub> alkenediyl or C<sub>3-6</sub> alkanediyl, optionally substituted with hydroxy, halogen, C<sub>1-5</sub> alkyl, C<sub>1-5</sub> alkoxy, oxo, hydroximino, CO<sub>2</sub>R<sup>60</sup>, R<sup>60</sup>R<sup>61</sup>NCO<sub>2</sub>, (L)-C<sub>1-4</sub> alkylene-, (L)-C<sub>1-5</sub> alkoxy, N<sub>3</sub>, or [(L)-C<sub>1-5</sub> alkylene]amino; each of R<sup>60</sup> and R<sup>61</sup> is independently hydrogen, C<sub>1-5</sub> alkyl, C<sub>3-5</sub> alkenyl, phenyl, benzyl, phenethyl, or C<sub>1-5</sub> heterocyclyl; alternatively R<sup>60</sup> and R<sup>61</sup>, can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;

L is amino, mono- or di-C<sub>1-5</sub> alkylamino, pyrrolidinyl, morpholinyl, piperidinyl homopiperidinyl, or piperazinyl, where available ring nitrogens may be optionally substituted with C<sub>1-5</sub> alkyl, benzyl, C<sub>2-5</sub> acyl, C<sub>1-5</sub> alkylsulfonyl or C<sub>1-5</sub> alkyloxycarbonyl;

X is nitrogen or R<sup>12</sup>C;

Y is nitrogen or R<sup>13</sup>C;

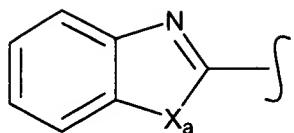
Z is nitrogen or R<sup>14</sup>C;

R<sup>12</sup> is hydrogen, halogen, C<sub>1-5</sub> alkoxy, C<sub>1-5</sub> alkyl, C<sub>2-5</sub> alkenyl, cyano, nitro, R<sup>21</sup>R<sup>22</sup>N, C<sub>2-8</sub> acyl, C<sub>1-5</sub> haloalkyl, C<sub>1-5</sub> heterocyclyl, (C<sub>1-5</sub> heterocyclyl)C<sub>1-5</sub> alkylene, R<sup>23</sup>OC=O, R<sup>23</sup>O(C=O)NH-, R<sup>23</sup>SO, R<sup>22</sup>NHCO-, R<sup>22</sup>NH(C=O)NH-, R<sup>23</sup>(C<sub>1-4</sub> alkylene)NHCO-, R<sup>23</sup>SO<sub>2</sub>, or R<sup>23</sup>SO<sub>2</sub>NH-;

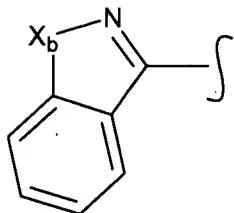
R<sup>13</sup> is hydrogen, halogen, C<sub>1-5</sub> alkoxy, C<sub>1-5</sub> alkyl, C<sub>2-5</sub> alkenyl, cyano, nitro, R<sup>42</sup>R<sup>43</sup>N, C<sub>2-8</sub> acyl, C<sub>1-5</sub> haloalkyl, C<sub>1-5</sub> heterocyclyl, (C<sub>1-5</sub> heterocyclyl)C<sub>1-5</sub> alkylene, R<sup>44</sup>OC=O, R<sup>44</sup>O(C=O)NH-, R<sup>44</sup>SO, R<sup>43</sup>NHCO-, R<sup>43</sup>NH(C=O)NH-, R<sup>44</sup>(C<sub>1-4</sub> alkylene)NHCO-, R<sup>44</sup>SO<sub>2</sub>, or R<sup>44</sup>SO<sub>2</sub>NH-;

R<sup>14</sup> is hydrogen, halogen, C<sub>1-5</sub> alkoxy, C<sub>1-5</sub> alkyl, C<sub>2-5</sub> alkenyl, cyano, nitro, R<sup>24</sup>R<sup>25</sup>N, C<sub>2-8</sub> acyl, C<sub>1-5</sub> haloalkyl, C<sub>1-5</sub> heterocyclyl, (C<sub>1-5</sub> heterocyclyl)C<sub>1-5</sub>

<sup>5</sup> alkylene,  $R^{26}OC=O$ ,  $R^{26}O(C=O)NH-$ ,  $R^{26}SO$ ,  $R^{25}NHCO-$ ,  $R^{25}NH(C=O)NH-$ ,  $R^{26}(C_{1-4}$  alkylene)NHCO-,  $R^{26}SO_2$ , or  $R^{26}SO_2NH-$ ;  
 alternatively,  $R^{12}$  and  $R^{13}$  or  $R^{12}$  and  $R^2$  or  $R^{13}$  and  $R^{14}$  can be taken together to form an optionally substituted 5- to 6- membered carbocyclic or heterocyclic ring, which ring may be unsaturated or aromatic;  
**Ar** represents a monocyclic or bicyclic aryl or heteroaryl ring, optionally substituted with between 1 and 3 substituents selected from halogen,  $C_{1-5}$  alkoxy,  $C_{1-5}$  alkyl,  $C_{2-5}$  alkenyl, cyano, azido, nitro,  $R^{15}R^{16}N$ ,  $R^{17}SO_2$ ,  $R^{17}S$ ,  $R^{17}SO$ ,  $R^{17}OC=O$ ,  $R^{15}R^{16}NC=O$ ,  $C_{1-5}$  haloalkyl,  $C_{1-5}$  haloalkoxy,  $C_{1-5}$  haloalkylthio, and  $C_{1-5}$  alkylthio;  
 **$R^{15}$**  is hydrogen,  $C_{1-5}$  alkyl,  $C_{3-5}$  alkenyl, phenyl, benzyl,  $C_{1-5}$  heterocyclyl,  $C_{2-8}$  acyl, aroyl,  $R^{53}OC=O$ ,  $R^{54}R^{55}NC=O$ ,  $R^{53}S$ ,  $R^{53}SO$ ,  $R^{53}SO_2$ , or  $R^{54}R^{55}NSO_2$ ;  
 **$R^{16}$**  is hydrogen,  $C_{1-5}$  alkyl,  $C_{3-5}$  alkenyl, phenyl, benzyl, or  $C_{1-5}$  heterocyclyl;  
 alternatively,  $R^{15}$  and  $R^{16}$  can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;  
 each of  $R^{17}$  and  $R^{53}$  is  $C_{1-5}$  alkyl, phenyl, or  $C_{1-5}$  heterocyclyl;  
 each of  $R^{54}$  and  $R^{55}$  is independently hydrogen,  $C_{1-5}$  alkyl,  $C_{2-5}$  alkenyl, phenyl, benzyl, or  $C_{1-5}$  heterocyclyl;  
 alternatively,  $R^{54}$  and  $R^{55}$  can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;  
**W** represents  $SO_2$ ,  $C=O$ ,  $CHR^{20}$ , or a covalent bond; or **W** and  $R^1$ , taken together with the 6-membered ring to which they are both attached, form one of the following two formulae:



(I)(a)



(I)(b)

wherein  $X_a$  is O, S, or N; and  $X_b$  is O, S or  $SO_2$ ;

$R^{20}$  is hydrogen,  $C_{1-5}$  alkyl, phenyl, benzyl, naphthyl, or  $C_{1-5}$  heterocyclyl;

$R^{42}$  is hydrogen,  $C_{1-5}$  alkyl,  $C_{3-5}$  alkenyl, phenyl, naphthyl,  $C_{1-5}$  heterocyclyl,  $C_{2-8}$  acyl, aroyl,  $R^{45}OC=O$ ,  $R^{46}R^{47}NC=O$ ,  $R^{45}SO$ ,  $R^{45}SO_2$ , or  $R^{46}R^{47}NSO_2$ ;

$R^{43}$  is hydrogen,  $C_{1-5}$  alkyl,  $C_{3-5}$  alkenyl, phenyl, or  $C_{1-5}$  heterocyclyl;  
alternatively,  $R^{42}$  and  $R^{43}$  can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;

$R^{44}$  is  $C_{1-5}$  alkyl,  $C_{2-5}$  alkenyl, phenyl, naphthyl, or  $C_{1-5}$  heterocyclyl;

$R^{48}$  is hydrogen,  $C_{1-5}$  alkyl,  $C_{3-5}$  alkenyl, phenyl, naphthyl,  $C_{1-5}$  heterocyclyl,  $C_{2-8}$  acyl, aroyl,  $R^{50}OC=O$ ,  $R^{51}R^{52}NC=O$ ,  $R^{50}SO$ ,  $R^{50}SO_2$ , or  $R^{51}R^{52}NSO_2$ ;

$R^{49}$  is hydrogen,  $C_{1-5}$  alkyl,  $C_{3-5}$  alkenyl, phenyl, or  $C_{1-5}$  heterocyclyl;  
alternatively,  $R^{48}$  and  $R^{49}$  can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic; and

wherein each of the above hydrocarbyl or heterocarbyl groups, unless otherwise indicated, and in addition to any specified substituents, is optionally and independently substituted with between 1 and 3 substituents selected from methyl, halomethyl, hydroxymethyl, halo, hydroxy, amino, nitro, cyano,  $C_{1-5}$  alkyl,  $C_{1-5}$  alkoxy,  $-COOH$ ,  $C_{2-6}$  acyl,  $[di(C_{1-4} alkyl)amino]C_{2-5}$  alkylene,  $[di(C_{1-4} alkyl)amino]C_{2-5}$  alkyl- $NH-CO-$ , and  $C_{1-5}$  haloalkoxy;

or a pharmaceutically acceptable salt, ester, or amide thereof.

2. (original) A compound of claim 1, wherein  $R^1$  is hydrogen, halogen,  $C_{1-5}$  alkoxy, hydroxy,  $C_{1-5}$  alkyl, cyano, nitro,  $R^7R^8N$ ,  $C_{2-8}$  acyl, or  $R^{10}R^{11}NSO_2$ .
3. (original) A compound of claim 2, wherein  $R^1$  is halogen, cyano, nitro,  $R^7R^8N$ , or  $R^{10}R^{11}NSO_2$ .
4. (original) A compound of claim 1, wherein  $R^2$  is hydrogen.
5. (original) A compound of claim 1, wherein each of  $R^3$  and  $R^4$  is independently hydrogen or  $C_{1-3}$  alkyl.
6. (original) A compound of claim 5, wherein one of  $R^3$  and  $R^4$  is hydrogen.
7. (original) A compound of claim 6, wherein each of  $R^3$  and  $R^4$  is hydrogen.

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8. (cancelled)
9. (previously presented) A compound of claim 1, wherein  $R^5$  and  $R^6$  taken together form pyridinyl.
10. (previously presented) A compound of claim 8, wherein  $R^5$  and  $R^6$  taken together form pyridinyl, optionally N-substituted with  $R^{40}O(C=O)(C=O)-$ ,  $R^{40}SO_2$ ,  $R^{40}NHCO_2$ ,  $R^{40}(C=O)-$  or  $R^{40}N(C=O)-$ .
11. (original) A compound of claim 1, wherein each of  $R^7$ ,  $R^8$ ,  $R^{21}$ ,  $R^{22}$ ,  $R^{24}$ ,  $R^{25}$  is independently hydrogen or  $C_{1-5}$  alkyl; or, independently, each of  $R^7$  and  $R^8$ ,  $R^{21}$  and  $R^{22}$ , and  $R^{24}$  and  $R^{25}$  can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated,

unsaturated or aromatic.

12. (original) A compound of claim 11, wherein at least one of R<sup>7</sup> and R<sup>8</sup>, R<sup>21</sup> and R<sup>22</sup>, and R<sup>24</sup> and R<sup>25</sup>, taken together, is morpholinyl, piperidinyl, or pyrrolidinyl.

13. (original) A compound of claim 1, wherein R<sup>9</sup>, R<sup>23</sup>, R<sup>26</sup>, and R<sup>27</sup> is each independently hydrogen or C<sub>1-5</sub> alkyl.

14. (original) A compound of claim 1, wherein G is C<sub>3-4</sub> alkanediyl, optionally substituted with hydroxy, (L)-C<sub>1-5</sub> alkyloxy-, or [(L)-C<sub>1-5</sub> alkylene]amino-.

15. (original) A compound of claim 14, wherein G is C<sub>3</sub> alkanediyl, optionally substituted with hydroxy, (L)-C<sub>1-5</sub> alkyloxy-, or [(L)-C<sub>1-5</sub> alkylene]amino-.

16. (original) A compound of claim 1, wherein X is nitrogen.

17. (original) A compound of claim 1, wherein Y is CR<sup>13</sup>.

18. (original) A compound of claim 1, wherein Z is CR<sup>14</sup>.

19. (original) A compound of claim 18, wherein X is CH.

20. (original) A compound of claim 1, wherein R<sup>12</sup> is hydrogen, R<sup>22</sup>O(C=O)NH-, R<sup>22</sup>NH(C=O)NH-, R<sup>22</sup>SO<sub>2</sub>NH, R<sup>23</sup>SO, or R<sup>23</sup>SO<sub>2</sub>, and R<sup>13</sup> is hydrogen, R<sup>43</sup>O(C=O)NH-, R<sup>43</sup>NH(C=O)NH-, R<sup>43</sup>SO<sub>2</sub>NH, R<sup>44</sup>SO, or R<sup>44</sup>SO<sub>2</sub>.

21. (original) A compound of claim 1, wherein R<sup>14</sup> is hydrogen, halogen, C<sub>1-5</sub> alkoxy, C<sub>1-5</sub> alkyl, cyano, nitro, R<sup>25</sup>O(C=O)NH-, R<sup>25</sup>NH(C=O)NH-, R<sup>25</sup>SO<sub>2</sub>NH or R<sup>24</sup>R<sup>25</sup>N.

22. (original) A compound of claim 21, wherein R<sup>14</sup> is halogen, R<sup>25</sup>O(C=O)NH-, R<sup>25</sup>NH(C=O)NH-, R<sup>25</sup>SO<sub>2</sub>NH or R<sup>24</sup>R<sup>25</sup>N.

23. (original) A compound of claim 1, wherein Ar represents a monocyclic ring, optionally substituted with between 1 and 2 substituents selected independently from halogen, C<sub>1-5</sub> alkyl, cyano, nitro, R<sup>15</sup>R<sup>16</sup>N, CF<sub>3</sub> and OCF<sub>3</sub>.

24. (original) A compound of claim 23, wherein Ar is a six membered ring substituted with between 1 and 2 substituents selected from halo, CF<sub>3</sub>, OCF<sub>3</sub>, said substituent or substituents being at the 4-position or at the 3- and 4-positions, respectively.

25. (original) A compound of claim 1, wherein W is SO<sub>2</sub>, C=O, or CHR<sup>20</sup>.
26. (original) A compound of claim 1, wherein W is a covalent bond.
27. (original) A compound of claim 1, wherein W and R<sup>1</sup> taken together are formula (I)(a).
28. (original) A compound of claim 1, wherein W and R<sup>1</sup> taken together are formula (I)(b).
29. (original) A compound of claim 1, wherein one of R<sup>3</sup> and R<sup>4</sup> is hydrogen; Ar represents a monocyclic ring, optionally substituted with between 1 and 2 substituents selected from halogen, C<sub>1-5</sub> alkyl, cyano, nitro, R<sup>15</sup>R<sup>16</sup>N, CF<sub>3</sub> and OCF<sub>3</sub>; R<sup>12</sup> is hydrogen, R<sup>23</sup>SO, or R<sup>23</sup>SO<sub>2</sub>; R<sup>13</sup> is hydrogen, R<sup>44</sup>SO, or R<sup>44</sup>SO<sub>2</sub>; R<sup>14</sup> is hydrogen, halogen, C<sub>1-5</sub> alkoxy, C<sub>1-5</sub> alkyl, cyano, nitro, or R<sup>24</sup>R<sup>25</sup>N; and G is C<sub>3-4</sub> alkanediyl, optionally substituted with hydroxy, C<sub>1-3</sub> alkyl, (L)-C<sub>1-5</sub> alkyloxy, or [(L)-C<sub>1-5</sub> alkylene]amino-.
30. (original) A compound of claim 1, wherein each of R<sup>3</sup> and R<sup>4</sup> is hydrogen; Ar represents a six membered ring, optionally substituted with between 1 and 2 substituents selected from halogen, C<sub>1-5</sub> alkyl, cyano, nitro, R<sup>15</sup>R<sup>16</sup>N, CF<sub>3</sub> and OCF<sub>3</sub>; R<sup>12</sup> is hydrogen, R<sup>23</sup>SO, or R<sup>23</sup>SO<sub>2</sub>; R<sup>13</sup> is hydrogen, R<sup>44</sup>SO, or R<sup>44</sup>SO<sub>2</sub>; R<sup>14</sup> is hydrogen, halogen, C<sub>1-5</sub> alkoxy, C<sub>1-5</sub> alkyl, cyano, nitro, or R<sup>24</sup>R<sup>25</sup>N; and G is C<sub>3</sub> alkanediyl, optionally substituted with hydroxy, (L)-C<sub>1-5</sub> alkyloxy-, or (L)-C<sub>1-5</sub> alkylamino.
31. (original) A compound of claim 30 wherein Ar is phenyl.
32. (original) A compound of claim 31, wherein W and R<sup>1</sup> taken together are formula (I)(b).

33. (original) A compound of claim 1, selected from:

1-[4-(2-Amino-6-chloro-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol

;

1-[3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-3-methyl-urea ;

1-[3-Chloro-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-3-methyl-urea ;

3-Amino-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-benzoic acid methyl ester ;

3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenylamine ;

1-[2-(4-{3-[3-(4-Bromo-phenyl)-5-methanesulfonyl-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-3-chloro-phenyl]-3-methyl-urea ;

and 1-{3-[4-(2-Chloro-6-methanesulfonylamino-phenyl)-piperazin-1-yl]-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide .

34. (original) A compound of claim 1, selected from:

[3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-carbamic acid methyl ester ;

1-[3-(4-Benzo[d]isothiazol-3-yl-piperazin-1-yl)-propyl]-3-(4-bromo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide ;

2-(4-{3-[5-Acetyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-3-nitro-benzoic acid

methyl ester ;

1-[4-(2-Chloro-6-nitro-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol

;

2-(4-{2-Hydroxy-3-[3-(4-iodo-phenyl)-5-methanesulfonyl-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-benzonitrile ;

3-(4-Bromo-phenyl)-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide ;

2-(4-{3-[5-Acetyl-3-(4-iodo-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile ;

2-(4-{3-[3-(4-Chloro-3-methyl-phenyl)-5-methanesulfonyl-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;

1-(3-(4-Chloro-3-methyl-phenyl)-1-{3-[4-(2,4-dimethyl-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-{3-[4-(3,5-Dichloro-pyridin-4-yl)-piperazin-1-yl]-propyl}-5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine ;

2-(4-{3-[5-Methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-benzonitrile;

N-[3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-methanesulfonamide ;

3-(3,4-Dichloro-phenyl)-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide;

and 3-(4-Chloro-3-methyl-phenyl)-1-{3-[4-(2-cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic.

35. (currently amended) A compound of claim 1, selected from :

1-(3-(4-Chloro-phenyl)-1-{3-[4-(2-fluoro-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-{3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;  
1-{3-(4-Chloro-phenyl)-1-[2-methoxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;  
1-[1-{2-Hydroxy-3-[4-(2-hydroxy-phenyl)-piperazin-1-yl]-propyl}-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;  
1-[1-[2-Hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;  
2-(4-{3-[5-Acetyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;  
1-[1-[2-(2-Piperazin-1-yl-ethylamino)-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;  
1-{3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid tert-butyl ester;  
1-{3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide;  
Carbamic acid 1-[5-carbamoyl-3-(4-iodo-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-ylmethyl]-2-[4-(2-cyano-phenyl)-piperazin-1-yl]-ethyl ester;  
1-{3-(3-Amino-4-chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;  
(*R*)-1-(3-(4-Bromo-phenyl)-1-{3-[4-(5-chloro-2-methyl-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;  
2-(4-{3-[5-Acetyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-fluoro-propyl}-piperazin-1-yl)-benzonitrile;  
(3-(4-Chloro-3-methyl-phenyl)-1-{3-[4-(2-cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-oxo-acetic acid methyl ester;  
5-Methanesulfonyl-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-1*H*-pyrazolo[4,3-c]pyridine;

1-[3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-3-methylurea;

1-{3-[4-(2-Chloro-6-methanesulfonylamino-phenyl)-piperazin-1-yl]-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-sulfonic acid amide;

N-[3-Chloro-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-methanesulfonamide;

1-[4-(2,6-Dinitro-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol;

2-(4-{2-Hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-3-methanesulfonylamino-benzoic acid methyl ester;

1-{3-[4-(1,1-Dioxo-1H-1,6-benzo[d]isothiazol-3-yl)-piperazin-1-yl]-propyl}-5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine;

1-[1-{3-[4-(6-Chloro-benzothiazol-2-yl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

and

1-[1-[3-(4-Benzo[d]isoxazol-3-yl-piperazin-1-yl)-2-hydroxy-propyl]-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone.

36. (original) A compound of claim 1, selected from:

N-[3-Chloro-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-methanesulfonamide;

1-[3-(4-Benzo[d]isothiazol-3-yl-piperazin-1-yl)-propyl]-3-(4-bromo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide; and

1-[3-Chloro-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-

phenyl]-3-methyl-urea.

37. (original) A compound of claim 1, selected from:

1-(3-(4-Chloro-phenyl)-1-{4-[4-(2-methoxy-phenyl)-piperazin-1-yl]-butyl}-1,4,6,7-tetrahydro-pyrazolo [4,3-c]pyridin-5-yl)-ethanone;

1-[1-(3-{4-[Bis-(4-fluoro-phenyl)-methyl]-piperazin-1-yl}-2-hydroxy-propyl)-3-(4-chloro-phenyl)-1,4, 6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

1-(3-(4-Chloro-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-(3-(4-Chloro-phenyl)-1-{3-[4-(2-chloro-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-(3-(4-Chloro-phenyl)-1-{3-[4-(3-chloro-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-(3-(4-Chloro-phenyl)-1-{3-[4-(4-chloro-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-(3-(4-Chloro-phenyl)-1-{3-[4-(2-fluoro-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-(3-(4-Chloro-phenyl)-1-{3-[4-(4-fluoro-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-(3-(4-Chloro-phenyl)-1-{2-hydroxy-3-[4-(3-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-(3-(4-Chloro-phenyl)-1-{2-hydroxy-3-[4-(4-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-{3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-phenyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;

1-[1-[3-(4-Benzhydryl-piperazin-1-yl)-2-hydroxy-propyl]-3-(4-chloro-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

1-[3-(4-Chloro-phenyl)-1-(3-{4-[4-(4-chloro-phenyl)-phenyl-methyl]-piperazin-1-yl}-2-hydroxy-propyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

1-(3-(4-Chloro-phenyl)-1-{3-[4-(9H-fluoren-9-yl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-[1-[3-(4-Benzyl-piperazin-1-yl)-2-hydroxy-propyl]-3-(4-chloro-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

3-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-1-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propan-1-one;

1-[1-{2-Hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

1-(3-(4-Chloro-phenyl)-1-{2-hydroxy-3-[4-(2-trifluoromethyl-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-(3-(4-Fluoro-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

4-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-1-[4-(2-methoxy-phenyl)-piperazin-1-yl]-butan-1-one;

1-(1-{2-Hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-3-p-tolyl-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-(3-(4-Chloro-phenyl)-1-{3-[4-(3,4-dichloro-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-{3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-pyridin-2-yl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;

1-(3-Biphenyl-4-yl-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone ;

1-(1-{2-Hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-3-phenyl-1,4,6,7-tetrahydro-pyrazolo [4,3-c]pyridin-5-yl)-ethanone;

1-[1-{2-Hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-3-(4-methoxy-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

1-[1-[2-Hydroxy-3-(4-pyridin-4-yl-piperazin-1-yl)-propyl]-3-(4-methoxy-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

1-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-3-(4-o-tolyl-piperazin-1-yl)-propan-2-one;

3-(4-Chloro-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid tert-butyl ester;

1-(1-{2-Hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-3-naphthalen-2-yl-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;  
1-(3-(4-tert-Butyl-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;  
1-(3-(4-Chloro-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-butan-1-one;  
1-(3-(4-Chloro-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-2,2-dimethyl-propan-1-one;  
(3-(4-Chloro-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-(4-methoxy-phenyl)-methanone;  
3-(4-Chloro-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide;  
1-[3-(4-Chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propan-2-ol;  
1-(3-(3,4-Dichloro-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;  
1-[1-{2-Hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;  
1-[1-{2-Hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-3-(4-nitro-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;  
1-(3-(4-Chloro-phenyl)-1-{3-[4-(2,4-difluoro-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone; and  
2-(4-{3-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile.

38. (previously presented) A compound of claim 1, selected from:  
4-{3-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-3,4,5,6-tetrahydro-2H-[1,2']bipyrazinyl-3'-carbonitrile;

1-(3-(4-Chloro-phenyl)-1-{3-[4-(2,3-dimethyl-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-(3-(4-Chloro-phenyl)-1-{3-[4-(2,4-dimethyl-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-(3-(4-Chloro-phenyl)-1-{3-[4-(2,5-dimethyl-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-{3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(3-methyl-4-p-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;

1-{3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(3-methyl-4-m-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;

1-(3-(4-Chloro-phenyl)-1-{2-hydroxy-3-[4-(4-trifluoromethyl-pyridin-2-yl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-(3-(4-Chloro-phenyl)-1-{3-[4-(3-chloro-5-trifluoromethyl-pyridin-2-yl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-(3-(4-Chloro-phenyl)-1-{3-[4-(3,5-dichloro-pyridin-4-yl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-(3-(4-Chloro-phenyl)-1-{4-[4-(2-methoxy-phenyl)-piperazin-1-yl]-but-2-enyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

4-(5-Acetyl-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridin-3-yl)-benzonitrile;

1-{3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(2,3,5,6-tetrahydro-[1,2']bipyrazinyl-4-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;

1-{3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-pyrimidin-2-yl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;

1-(3-(2,4-Bis-trifluoromethyl-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-(3-(2,4-Dichloro-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

2-(4-{3-(4-Chloro-phenyl)-5,6-dihydro-4H-cyclopentapyrazol-1-yl}-2-hydroxy-propyl)-piperazin-1-yl)-benzonitrile;

2-(4-{3-[3-(4-Chloro-phenyl)-5,6-dihydro-4H-cyclopentapyrazol-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-phenol;

1-(3-(4-Bromo-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-{3-(4-Chloro-phenyl)-1-[2-(2-methyl-allyloxy)-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;

1-[1-[2-Benzyl-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-chloro-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

Acetic acid 1-[5-acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-ylmethyl]- 2-(4-o-tolyl-piperazin-1-yl)-ethyl ester;

Morpholine-4-carboxylic acid 1-[5-acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-ylmethyl]-2-(4-o-tolyl-piperazin-1-yl)-ethyl ester;

Benzoic acid 1-[5-acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-ylmethyl] -2-(4-o-tolyl-piperazin-1-yl)-ethyl ester;

Benzoyl-carbamic acid 1-[5-acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-ylmethyl]-2-(4-o-tolyl-piperazin-1-yl)-ethyl ester;

1-(3-(3-Chloro-phenyl)-1-{2-hydroxy-3-[4-(2-hydroxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

2-(4-{3-[5-Acetyl-3-(3-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;

tert-Butyl-carbamic acid 1-[5-acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-ylmethyl]-2-(4-o-tolyl-piperazin-1-yl)-ethyl ester;

Carbonic acid 1-[5-acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-ylmethyl]-2-(4-o-tolyl-piperazin-1-yl)-ethyl ester methyl ester;

1-(3-(4-Chloro-phenyl)-1-{4-[4-(2-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

2-(4-{4-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-but-2-enyl}-piperazin-1-yl)-benzonitrile;

1-(3-(4-Chloro-phenyl)-1-{4-[4-(2-methoxy-phenyl)-piperazin-1-yl]-but-2-enyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-(3-(4-Chloro-phenyl)-1-{3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;  
1-(3-(4-Chloro-phenyl)-1-{5-[4-(2-methoxy-phenyl)-piperazin-1-yl]-pentyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;  
1-(3-(4-Chloro-phenyl)-1-{6-[4-(2-methoxy-phenyl)-piperazin-1-yl]-hexyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;  
2-[1-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-ylmethyl]-2-(4-o-tolyl-piperazin-1-yl)-ethoxy]-acetamide;  
[1-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-ylmethyl]-2-(4-o-tolyl-piperazin-1-yl)-ethoxy]-acetic acid;  
[1-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-ylmethyl]-2-(4-o-tolyl-piperazin-1-yl)-ethoxy]-acetonitrile;  
1-[1-{3-[4-(2-Bromo-benzenesulfonyl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-chloro-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;  
2-(4-{3-[3-(4-Chloro-phenyl)-4,5,6,7-tetrahydro-indazol-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;  
2-(4-{3-[3-(4-Chloro-phenyl)-4,5,6,7-tetrahydro-indazol-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-phenol; and  
3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid dimethylamide.

39. (previously presented) A compound of claim 1, selected from:

1-[1-[2-Azido-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-chloro-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;  
1-[1-[2-Amino-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-chloro-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;  
1-{3-(4-Chloro-phenyl)-1-[2-methylamino-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;  
3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide;

1-[2-Hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid tert-butyl ester;  
1-(3-(4-Chloro-3-methyl-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;  
2-(4-{3-[5-Acetyl-3-(4-chloro-3-methyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;  
1-[1-{3-[4-(2-Chloro-benzenesulfonyl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-chloro-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;  
1-(3-(4-Chloro-2-fluoro-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;  
2-(4-{3-[5-Acetyl-3-(4-chloro-2-fluoro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;  
1-[3-(4-Chloro-phenyl)-5-methyl-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-3-(4-o-tolyl-piperazin-1-yl)-propan-2-ol;  
1-{3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-2-phenyl-ethanone;  
1-[3-(4-Chloro-phenyl)-5-methanesulfonyl-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-3-(4-o-tolyl-piperazin-1-yl)-propan-2-ol;  
1-[1-{3-[4-(2-Amino-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-chloro-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;  
N-[2-(4-{3-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-phenyl]-methanesulfonamide;  
N-[2-(4-{3-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-phenyl]-acetamide;  
1-[2-(4-{3-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-phenyl]-3-isopropyl-urea;  
3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid methylamide;  
3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid hydrazide;

2-(4-{3-[5-Acetyl-3-(4-phenoxy-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;  
3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid phenethyl-amide;  
3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid (4-methoxy-phenyl)-amide;  
3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carbothioic acid methylamide;  
2-(4-{3-[5-Acetyl-3-(4-chloro-3-nitro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;  
1-[2-Hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid ethylamide;  
N-(5-{5-Acetyl-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridin-3-yl}-2-chloro-phenyl)-methanesulfonamide;  
1-{3-(4-Chloro-phenyl)-1-[2-[(1-ethyl-pyrrolidin-2-ylmethyl)-amino]-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;  
2-(4-{3-[5-Acetyl-3-(4-trifluoromethylsulfanyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;  
2-(4-{3-[5-Acetyl-3-(3-amino-4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;  
3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid isopropylamide;  
3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid phenylamide;  
1-[3-(4-Chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-3-(4-o-tolyl-piperazin-1-yl)-propan-2-ol;  
1-[3-(4-iodo-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-3-(4-o-tolyl-piperazin-1-yl)-propan-2-ol;  
2-(4-{3-[5-Acetyl-3-(4-methanesulfonyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;

1-[1-{2-Hydroxy-3-[4-(2-hydroxy-phenyl)-piperazin-1-yl]-propyl}-3-(4-methanesulfonyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone; 1-[3-(4-iodo-phenyl)-5-methanesulfonyl-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-3-(4-o-tolyl-piperazin-1-yl)-propan-2-ol; 1-[2-Hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4, 3-c]pyridine-5-carboxylic acid amide; 1-[2-Hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid methyl ester; 1-[2-Hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid methylamide; N-[5-(5-Acetyl-1-{3-[4-(2-cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridin-3-yl)-2-chloro-phenyl]-methanesulfonamide; 1-(5-{5-Acetyl-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridin-3-yl}-2-chloro-phenyl)-3-ethyl-urea; and 1-[5-(5-Acetyl-1-{3-[4-(2-cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridin-3-yl)-2-chloro-phenyl]-3-ethyl-urea.

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40. (previously presented) A compound of claim 1, selected from:

N-(5-{5-Acetyl-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridin-3-yl}-2-chloro-phenyl)-acetamide;

Acetic acid 2-[5-acetyl-3-(3-amino-4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-1-[4-(2-cyano-phenyl)-piperazin-1-ylmethyl]-ethyl ester;

N-[5-(5-Acetyl-1-{3-[4-(2-cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridin-3-yl)-2-chloro-phenyl]-acetamide;

N-[2-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-1-(4-o-tolyl-piperazin-1-ylmethyl)-ethyl]-methanesulfonamide;

1-{3-(4-Chloro-phenyl)-1-[2-(2-pyridin-2-yl-ethylamino)-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;

1-{3-(4-Chloro-phenyl)-1-[2-(2-dimethylamino-ethylamino)-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;

Carbonic acid 2-[5-acetyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-1-(4-o-tolyl-piperazin-1-ylmethyl)-ethyl ester methyl ester;

Carbamic acid 2-[5-acetyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-1-(4-o-tolyl-piperazin-1-ylmethyl)-ethyl ester;

1-[5-Ethanesulfonyl-3-(4-iodo-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-3-(4-o-tolyl-piperazin-1-yl)-propan-2-ol;

1-[2-Hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid methyl ester;

1-[5-(4-Chloro-benzenesulfonyl)-3-(4-iodo-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-3-(4-o-tolyl-piperazin-1-yl)-propan-2-ol;

1-{3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid methylamide;

1-[3-(4-Iodo-phenyl)-5-(propane-2-sulfonyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-3-(4-o-tolyl-piperazin-1-yl)-propan-2-ol;

1-{3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carbonitrile;

4-{3-[5-Acetyl-3-(4-chloro-3-methyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazine-1-carboxylic acid o-tolylamide;  
4-{3-[5-Acetyl-3-(4-chloro-3-methyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazine-1-carboxylic acid (2-methoxy-phenyl)-amide;  
2-(4-{3-[5-Acetyl-3-(3-chloro-4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;  
2-(4-{3-[5-Acetyl-3-(3-fluoro-4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;  
2-(4-{3-[5-Acetyl-3-(4-chloro-3-methyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-ylmethyl)-benzonitrile;  
1-(3-(4-Chloro-3-methyl-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-benzyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;  
2-(4-{3-[5-Acetyl-3-(4-bromo-3-methyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;  
3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxamidine;  
2-(4-{3-[5-Acetyl-3-(3,4-dichloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;  
2-(4-{3-[5-Acetyl-3-(3,4-difluoro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;  
2-(4-{3-[5-Acetyl-3-(3,5-dichloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;  
2-{4-[3-[5-Acetyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-(2-morpholin-4-yl-ethoxy)-propyl}-piperazin-1-yl}-benzonitrile;  
2-(4-{2-Hydroxy-3-[3-(4-iodo-phenyl)-5-trifluoromethanesulfonyl-4,5,6,7-tetrahydro-pyrazolo[4,3-c] pyridin-1-yl]-propyl}-piperazin-1-yl)-benzonitrile;  
2-(4-{3-[5-Acetyl-3-(3-chloro-4-methyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;  
N-[4-(5-Acetyl-1-{3-[4-(2-cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridin-3-yl)-phenyl]-acetamide;

2-(4-{3-[5-Acetyl-3-(4-bromo-3-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;  
1-(3-(3-Chloro-4-methyl-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;  
1-[1-{3-[4-(2-Azido-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-bromo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;  
2-(4-{3-[5-Acetyl-3-(3-azido-4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;  
5-Methanesulfonyl-1-[3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine;  
5-Methanesulfonyl-1-{3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine;  
1-[1-{2-Hydroxy-3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-3-(4-nitro-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;  
3-(4-Bromo-phenyl)-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid tert-butyl ester;  
3-(4-Bromo-phenyl)-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine;  
1-(3-(4-Bromo-phenyl)-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone; and  
3-(4-Bromo-phenyl)-5-methanesulfonyl-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine.

41. (previously presented) A compound of claim 1, selected from:

3-(3,4-Dichloro-phenyl)-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid tert-butyl ester;  
3-(4-Bromo-phenyl)-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-sulfonic acid amide;  
1-(3-(3,4-Dichloro-phenyl)-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

3-(3,4-Dichloro-phenyl)-5-methanesulfonyl-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine;

3-(4-Bromo-phenyl)-1-{3-[4-(1,1-dioxo-1H-1 $\lambda$ <sup>6</sup>-benzo[d]isothiazol-3-yl)-piperazin-1-yl]-propyl}-5-methanesulfonyl-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine;

1-[1-[3-(4-Benzo[d]isothiazol-3-yl-piperazin-1-yl)-propyl]-3-(4-bromo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

1-[3-(4-Benzo[d]isothiazol-3-yl-piperazin-1-yl)-propyl]-3-(4-bromo-phenyl)-5-methanesulfonyl-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine;

1-[3-(4-Benzo[d]isothiazol-3-yl-piperazin-1-yl)-propyl]-3-(4-bromo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid tert-butyl ester;

1-[3-(4-Benzo[d]isothiazol-3-yl-piperazin-1-yl)-propyl]-3-(4-bromo-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine;

1-[3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-3-methyl-urea;

[3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-urea;

[3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-carbamic acid methyl ester;

1-[3-Chloro-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-3-methyl-urea;

N-[3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-methanesulfonamide;

1-[4-(2,6-Dimethyl-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol;

1-[1-{3-[4-(2,6-Dimethyl-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

2-(4-{2-Hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-isophthalonitrile;  
2-(4-{3-[5-Acetyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-isophthalonitrile;  
1-[4-(2-Chloro-6-nitro-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol;  
1-[4-(2-Amino-6-chloro-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol;  
3-Chloro-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-benzoic acid methyl ester;  
3-Chloro-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-N-methyl-benzamide;  
[3-Chloro-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-morpholin-4-yl-methanone;  
1-[4-(2-Chloro-6-morpholin-4-ylmethyl-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol;  
3-Chloro-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-N-pyridin-4-ylmethyl-benzamide;  
2-(4-{2-Hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-3-nitro-benzoic acid methyl ester;  
2-(4-{3-[5-Acetyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-3-nitro-benzoic acid methyl ester;  
3-Acetylamino-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-benzoic acid methyl ester;

$R^2$  is hydrogen, halogen,  $C_{1-5}$  alkoxy,  $C_{1-5}$  alkyl,  $C_{2-5}$  alkenyl,  $C_{1-5}$  haloalkyl, cyano, or  $R^{48}R^{49}N$ ;  
alternatively,  $R^1$  and  $R^2$  can be taken together to form an optionally substituted 5- to 7- membered carbocyclic or heterocyclic ring, which ring may be unsaturated or aromatic;  
each of  $R^3$  and  $R^4$  is independently hydrogen or  $C_{1-5}$  alkyl;  
 $R^5$  and  $R^6$  can be taken together to form an optionally substituted 5- to 7- membered heterocyclic ring, a 5-membered carbocyclic ring, or a 7- membered carbocyclic ring, which ring may be unsaturated or aromatic, and may be optionally substituted with between one and three substituents independently selected from halo, cyano, amino, nitro,  $R^{40}$ ,  $R^{40}O$ -,  $R^{40}S$ -,  $R^{40}O(C_{1-5}$  alkylene)-,  $R^{40}O(C=O)$ -,  $R^{40}(C=O)$ -,  $R^{40}(C=S)$ -,  $R^{40}(C=O)O$ -,  $R^{40}O(C=O)(C=O)$ -,  $R^{40}SO_2$ ,  $NHR^{62}(C=NH)$ -,  $NHR^{62}SO_2$ -, and  $NHR^{62}(C=O)$  -;

$R^{40}$  is H,  $C_{1-5}$  alkyl,  $C_{2-5}$  alkenyl, phenyl, benzyl, phenethyl,  $C_{1-5}$  heterocyclyl,  $(C_{1-5}$  heterocyclyl) $C_{1-5}$  alkylene, amino, or mono- or di( $C_{1-5}$  alkyl)amino, or  $R^{58}OR^{59}$ -, wherein  $R^{58}$  is H,  $C_{1-5}$  alkyl,  $C_{2-5}$  alkenyl, phenyl, benzyl, phenethyl,  $C_{1-5}$  heterocyclyl, or  $(C_{1-5}$  heterocyclyl) $C_{1-6}$  alkylene and  $R^{59}$  is  $C_{1-5}$  alkylene, phenylene, or divalent  $C_{1-5}$  heterocyclyl; and

$R^{62}$  can be H in addition to the values for  $R^{40}$ ;

$R^7$  is hydrogen,  $C_{1-5}$  alkyl,  $C_{3-5}$  alkenyl, phenyl, naphthyl,  $C_{1-5}$  heterocyclyl,  $C_{2-8}$  acyl, aroyl,  $R^{27}OC=O$ ,  $R^{28}R^{29}NC=O$ ,  $R^{27}SO$ ,  $R^{27}SO_2$ , or  $R^{28}R^{29}NSO_2$ ;

$R^8$  is hydrogen,  $C_{1-5}$  alkyl,  $C_{3-5}$  alkenyl, phenyl, or  $C_{1-5}$  heterocyclyl;  
alternatively,  $R^7$  and  $R^8$  can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;

$R^9$  is  $C_{1-5}$  alkyl, phenyl, naphthyl, or  $C_{1-5}$  heterocyclyl;

$R^{21}$  is hydrogen,  $C_{1-5}$  alkyl,  $C_{3-5}$  alkenyl, phenyl, naphthyl,  $C_{1-5}$  heterocyclyl,  $C_{2-8}$  acyl, aroyl,  $R^{30}OC=O$ ,  $R^{31}R^{32}NC=O$ ,  $R^{30}SO$ ,  $R^{30}SO_2$ , or  $R^{31}R^{32}NSO_2$ ;

$R^{22}$  is hydrogen,  $C_{1-5}$  alkyl,  $C_{3-5}$  alkenyl, phenyl, or  $C_{1-5}$  heterocyclyl;  
alternatively,  $R^{21}$  and  $R^{22}$  can be taken together to form an optionally

substituted 4- to 7-membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;

each of R<sup>23</sup>, R<sup>26</sup>, R<sup>27</sup>, R<sup>30</sup>, R<sup>33</sup>, R<sup>44</sup>, R<sup>45</sup>, and R<sup>50</sup> is C<sub>1-5</sub> alkyl, phenyl, naphthyl, or C<sub>1-5</sub> heterocyclyl;

R<sup>24</sup> is hydrogen, C<sub>1-5</sub> alkyl, C<sub>3-5</sub> alkenyl, phenyl, naphthyl, C<sub>1-5</sub> heterocyclyl, C<sub>2-8</sub> acyl, aroyl, R<sup>33</sup>OC=O, R<sup>34</sup>R<sup>35</sup>NC=O, R<sup>33</sup>SO, R<sup>33</sup>SO<sub>2</sub>, or R<sup>34</sup>R<sup>35</sup>NSO<sub>2</sub>;

R<sup>25</sup> is hydrogen, C<sub>1-5</sub> alkyl, C<sub>3-5</sub> alkenyl, phenyl, or C<sub>1-5</sub> heterocyclyl; alternatively, R<sup>24</sup> and R<sup>25</sup> can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;

each of R<sup>10</sup> and R<sup>11</sup> is independently hydrogen, C<sub>1-5</sub> alkyl, C<sub>2-5</sub> alkenyl, phenyl, or C<sub>1-5</sub> heterocyclyl; alternatively, R<sup>10</sup> and R<sup>11</sup> or can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;

each of R<sup>28</sup>, R<sup>29</sup>, R<sup>31</sup>, R<sup>32</sup>, R<sup>34</sup>, R<sup>35</sup>, R<sup>46</sup>, R<sup>47</sup>, R<sup>51</sup> and R<sup>52</sup> is independently hydrogen, C<sub>1-5</sub> alkyl, phenyl, or C<sub>1-5</sub> heterocyclyl; alternatively, R<sup>28</sup> and R<sup>29</sup>, R<sup>31</sup> and R<sup>32</sup>, R<sup>34</sup> and R<sup>35</sup>, R<sup>46</sup> and R<sup>47</sup>, or R<sup>51</sup> and R<sup>52</sup>, independently, can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;

n is 1 or 2;

G represents C<sub>3-6</sub> alkenediyl or C<sub>3-6</sub> alkanediyl, optionally substituted with hydroxy, halogen, C<sub>1-5</sub> alkyl, C<sub>1-5</sub> alkoxy, oxo, hydroximino, CO<sub>2</sub>R<sup>60</sup>, R<sup>60</sup>R<sup>61</sup>NCO<sub>2</sub>, (L)-C<sub>1-4</sub> alkylene-, (L)-C<sub>1-5</sub> alkoxy, N<sub>3</sub>, or [(L)-C<sub>1-5</sub> alkylene]amino;

each of R<sup>60</sup> and R<sup>61</sup> is independently hydrogen, C<sub>1-5</sub> alkyl, C<sub>3-5</sub> alkenyl, phenyl, benzyl, phenethyl, or C<sub>1-5</sub> heterocyclyl; alternatively R<sup>60</sup> and R<sup>61</sup>, can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;

L is amino, mono- or di-C<sub>1-5</sub> alkylamino, pyrrolidinyl, morpholinyl, piperidinyl

homopiperidinyl, or piperazinyl, where available ring nitrogens may be optionally substituted with C<sub>1-5</sub> alkyl, benzyl, C<sub>2-5</sub> acyl, C<sub>1-5</sub> alkylsulfonyl or C<sub>1-5</sub> alkyloxycarbonyl;

- X is nitrogen or R<sup>12</sup>C;
- Y is nitrogen or R<sup>13</sup>C;
- Z is nitrogen or R<sup>14</sup>C;
- R<sup>12</sup> is hydrogen, halogen, C<sub>1-5</sub> alkoxy, C<sub>1-5</sub> alkyl, C<sub>2-5</sub> alkenyl, cyano, nitro, R<sup>21</sup>R<sup>22</sup>N, C<sub>2-8</sub> acyl, C<sub>1-5</sub> haloalkyl, C<sub>1-5</sub> heterocyclyl, (C<sub>1-5</sub> heterocyclyl)C<sub>1-5</sub> alkylene, R<sup>23</sup>OC=O, R<sup>23</sup>O(C=O)NH-, R<sup>23</sup>SO, R<sup>22</sup>NHCO-, R<sup>22</sup>NH(C=O)NH-, R<sup>23</sup>(C<sub>1-4</sub> alkylene)NHCO-, R<sup>23</sup>SO<sub>2</sub>, or R<sup>23</sup>SO<sub>2</sub>NH-;
- R<sup>13</sup> is hydrogen, halogen, C<sub>1-5</sub> alkoxy, C<sub>1-5</sub> alkyl, C<sub>2-5</sub> alkenyl, cyano, nitro, R<sup>42</sup>R<sup>43</sup>N, C<sub>2-8</sub> acyl, C<sub>1-5</sub> haloalkyl, C<sub>1-5</sub> heterocyclyl, (C<sub>1-5</sub> heterocyclyl)C<sub>1-5</sub> alkylene, R<sup>44</sup>OC=O, R<sup>44</sup>O(C=O)NH-, R<sup>44</sup>SO, R<sup>43</sup>NHCO-, R<sup>43</sup>NH(C=O)NH-, R<sup>44</sup>(C<sub>1-4</sub> alkylene)NHCO-, R<sup>44</sup>SO<sub>2</sub>, or R<sup>44</sup>SO<sub>2</sub>NH-;
- R<sup>14</sup> is hydrogen, halogen, C<sub>1-5</sub> alkoxy, C<sub>1-5</sub> alkyl, C<sub>2-5</sub> alkenyl, cyano, nitro, R<sup>24</sup>R<sup>25</sup>N, C<sub>2-8</sub> acyl, C<sub>1-5</sub> haloalkyl, C<sub>1-5</sub> heterocyclyl, (C<sub>1-5</sub> heterocyclyl)C<sub>1-5</sub> alkylene, R<sup>26</sup>OC=O, R<sup>26</sup>O(C=O)NH-, R<sup>26</sup>SO, R<sup>25</sup>NHCO-, R<sup>25</sup>NH(C=O)NH-, R<sup>26</sup>(C<sub>1-4</sub> alkylene)NHCO-, R<sup>26</sup>SO<sub>2</sub>, or R<sup>26</sup>SO<sub>2</sub>NH-;
- alternatively, R<sup>12</sup> and R<sup>13</sup> or R<sup>12</sup> and R<sup>2</sup> or R<sup>13</sup> and R<sup>14</sup> can be taken together to form an optionally substituted 5- to 6- membered carbocyclic or heterocyclic ring, which ring may be unsaturated or aromatic;
- Ar represents a monocyclic or bicyclic aryl or heteroaryl ring, optionally substituted with between 1 and 3 substituents selected from halogen, C<sub>1-5</sub> alkoxy, C<sub>1-5</sub> alkyl, C<sub>2-5</sub> alkenyl, cyano, azido, nitro, R<sup>15</sup>R<sup>16</sup>N, R<sup>17</sup>SO<sub>2</sub>, R<sup>17</sup>S, R<sup>17</sup>SO, R<sup>17</sup>OC=O, R<sup>15</sup>R<sup>16</sup>NC=O, C<sub>1-5</sub> haloalkyl, C<sub>1-5</sub> haloalkoxy, C<sub>1-5</sub> haloalkylthio, and C<sub>1-5</sub> alkylthio;
- R<sup>15</sup> is hydrogen, C<sub>1-5</sub> alkyl, C<sub>3-5</sub> alkenyl, phenyl, benzyl, C<sub>1-5</sub> heterocyclyl, C<sub>2-8</sub> acyl, aroyl, R<sup>53</sup>OC=O, R<sup>54</sup>R<sup>55</sup>NC=O, R<sup>53</sup>S, R<sup>53</sup>SO, R<sup>53</sup>SO<sub>2</sub>, or R<sup>54</sup>R<sup>55</sup>NSO<sub>2</sub>;
- R<sup>16</sup> is hydrogen, C<sub>1-5</sub> alkyl, C<sub>3-5</sub> alkenyl, phenyl, benzyl, or C<sub>1-5</sub> heterocyclyl; alternatively, R<sup>15</sup> and R<sup>16</sup> can be taken together to form an optionally

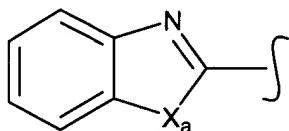
substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;

each of  $R^{17}$  and  $R^{53}$  is  $C_{1-5}$  alkyl, phenyl, or  $C_{1-5}$  heterocyclyl;

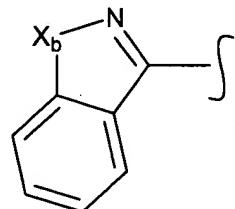
each of  $R^{54}$  and  $R^{55}$  is independently hydrogen,  $C_{1-5}$  alkyl,  $C_{2-5}$  alkenyl, phenyl, benzyl, or  $C_{1-5}$  heterocyclyl;

alternatively,  $R^{54}$  and  $R^{55}$  can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;

$W$  represents  $SO_2$ ,  $C=O$ ,  $CHR^{20}$ , or a covalent bond; or  $W$  and  $R^1$ , taken together with the 6-membered ring to which they are both attached, form one of the following two formulae:



(I)(a)



(I)(b)

wherein  $X_a$  is O, S, or N; and  $X_b$  is O, S or  $SO_2$ ;

$R^{20}$  is hydrogen,  $C_{1-5}$  alkyl, phenyl, benzyl, naphthyl, or  $C_{1-5}$  heterocyclyl;

$R^{42}$  is hydrogen,  $C_{1-5}$  alkyl,  $C_{3-5}$  alkenyl, phenyl, naphthyl,  $C_{1-5}$  heterocyclyl,  $C_{2-8}$  acyl, aroyl,  $R^{45}OC=O$ ,  $R^{46}R^{47}NC=O$ ,  $R^{45}SO$ ,  $R^{45}SO_2$ , or  $R^{46}R^{47}NSO_2$ ;

$R^{43}$  is hydrogen,  $C_{1-5}$  alkyl,  $C_{3-5}$  alkenyl, phenyl, or  $C_{1-5}$  heterocyclyl; alternatively,  $R^{42}$  and  $R^{43}$  can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;

$R^{44}$  is  $C_{1-5}$  alkyl,  $C_{2-5}$  alkenyl, phenyl, naphthyl, or  $C_{1-5}$  heterocyclyl;

$R^{48}$  is hydrogen,  $C_{1-5}$  alkyl,  $C_{3-5}$  alkenyl, phenyl, naphthyl,  $C_{1-5}$  heterocyclyl,  $C_{2-8}$  acyl, aroyl,  $R^{50}OC=O$ ,  $R^{51}R^{52}NC=O$ ,  $R^{50}SO$ ,  $R^{50}SO_2$ , or  $R^{51}R^{52}NSO_2$ ;

$R^{49}$  is hydrogen,  $C_{1-5}$  alkyl,  $C_{3-5}$  alkenyl, phenyl, or  $C_{1-5}$  heterocyclyl; alternatively,  $R^{48}$  and  $R^{49}$  can be taken together to form an optionally

substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic; and

wherein each of the above hydrocarbyl or heterocarbyl groups, unless otherwise indicated, and in addition to any specified substituents, is optionally and independently substituted with between 1 and 3 substituents selected from methyl, halomethyl, hydroxymethyl, halo, hydroxy, amino, nitro, cyano, C<sub>1-5</sub> alkyl, C<sub>1-5</sub> alkoxy, -COOH, C<sub>2-6</sub> acyl, [di(C<sub>1-4</sub> alkyl)amino]C<sub>2-5</sub> alkylene, [di(C<sub>1-4</sub> alkyl)amino] C<sub>2-5</sub> alkyl-NH-CO-, and C<sub>1-5</sub> haloalkoxy;

or a pharmaceutically acceptable salt, ester, or amide thereof.

2. (withdrawn) A method of claim 1, wherein each of R<sup>3</sup> and R<sup>4</sup> is hydrogen; Ar represents a six membered ring, optionally substituted with between 1 and 2 substituents selected from halogen, C<sub>1-5</sub> alkyl, cyano, nitro, R<sup>15</sup>R<sup>16</sup>N, CF<sub>3</sub> and OCF<sub>3</sub>; R<sup>12</sup> is hydrogen, R<sup>23</sup>SO, or R<sup>23</sup>SO<sub>2</sub>; R<sup>13</sup> is hydrogen, R<sup>44</sup>SO, or R<sup>44</sup>SO<sub>2</sub>; R<sup>14</sup> is hydrogen, halogen, C<sub>1-5</sub> alkoxy, C<sub>1-5</sub> alkyl, cyano, nitro, or R<sup>24</sup>R<sup>25</sup>N; and G is C<sub>3</sub> alkanediyl, optionally substituted with hydroxy, (L)-C<sub>1-5</sub> alkyloxy-, or (L)-C<sub>1-5</sub> alkylamino.
3. (withdrawn) A method of claim 2, wherein Ar is phenyl.
4. (withdrawn) A method of claim 1, wherein said compound is selected from:

1-[4-(2-Amino-6-chloro-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol  
;  
1-[3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-3-methyl-urea ;

1-[3-Chloro-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-3-methyl-urea ;

3-Amino-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-benzoic acid methyl ester ;

3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenylamine ;

1-[2-(4-{3-[3-(4-Bromo-phenyl)-5-methanesulfonyl-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-3-chloro-phenyl]-3-methyl-urea ;

and 1-{3-[4-(2-Chloro-6-methanesulfonylamino-phenyl)-piperazin-1-yl]-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide .

5. (withdrawn) A method of claim 1, wherein said compound is selected from:

[3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-carbamic acid methyl ester ;

1-[3-(4-Benzo[d]isothiazol-3-yl-piperazin-1-yl)-propyl]-3-(4-bromo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide ;

2-(4-{3-[5-Acetyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-3-nitro-benzoic acid methyl ester ;

1-[4-(2-Chloro-6-nitro-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol

;

2-(4-{2-Hydroxy-3-[3-(4-iodo-phenyl)-5-methanesulfonyl-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-benzonitrile ;

3-(4-Bromo-phenyl)-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-

2-(4-{2-Hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-3-methanesulfonylamino-benzoic acid methyl ester;

2-(4-{2-Hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-3-nitro-benzamide;

2-(4-{2-Hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-3-(3-methyl-ureido)-benzoic acid methyl ester;

1-[4-(2,6-Dinitro-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol;

1-[1-{3-[4-(2,6-Dinitro-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

1-[1-{3-[4-(3,5-Dichloro-pyridin-4-yl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

1-{3-[4-(3,5-Dichloro-pyridin-4-yl)-piperazin-1-yl]-propyl}-5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine;

1-[1-{3-[4-(3,5-Dichloro-pyridin-4-yl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-trifluoromethylsulfanyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

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1-[1-{3-[4-(3,5-Dichloro-pyridin-4-yl)-piperazin-1-yl]-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

2-(4-{3-[5-Acetyl-3-(4-bromo-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-azido-propyl}-piperazin-1-yl)-benzonitrile;

1-[1-{2-Hydroxy-3-[4-(6-nitro-benzothiazol-2-yl)-piperazin-1-yl]-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

1-[1-{2-Hydroxy-3-[4-(6-methoxy-benzothiazol-2-yl)-piperazin-1-yl]-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

1-{3-[4-(1,1-Dioxo-1H-1 $\lambda$ <sup>6</sup>-benzo[d]isothiazol-3-yl)-piperazin-1-yl]-propyl}-5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine; and

1-[3-(4-Benzod]isothiazol-3-yl-piperazin-1-yl)-propyl]-3-(4-bromo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide.

42. (original) A pharmaceutical composition comprising a compound of claim 1, 30, 31, 33, 34, 35, or 36 and a pharmaceutically acceptable carrier.

43. (original) A method for treating a subject with a condition mediated by cathepsin S, said method comprising administering to the subject a therapeutically effective amount of a pharmaceutical composition comprising a compound of claim 1, 30, 31 or 36.

44. (original) A method for inhibiting cathepsin S activity in a subject, said method comprising administering to the subject a therapeutically effective amount of a pharmaceutical composition comprising a compound of claim 1, 30, 31 or 36.

45. (original) A method for treating an autoimmune disease, or inhibiting the progression of an autoimmune disease, in a subject, said method comprising administering to the subject a therapeutically effective amount of a pharmaceutical composition comprising a compound of claim 1, 30, 31, or 36.

46. (cancelled)

47. (cancelled)

48. (original) A method for treating or inhibiting the progression of tissue transplant rejection in a subject, said method comprising administering to the subject a therapeutically effective amount of a pharmaceutical composition comprising a compound of claim 1, 30, 31 or 36.

49. (original) A method of claim 48, wherein said administration occurs

after said subject has undergone a tissue transplant procedure.

50. (original) A method of claim 48, wherein said administration to said subject occurs before or during a tissue transplant procedure.